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The Files

1 August 1957

25X1A9A

Selection of a Receiver for the AS-3

1. A decision is pending regarding the selection of the receiver to be incorporated in the AS-3 packaging design. The following is a quick look at the laboratory evaluation of prototype equipment as of 31 July 1957.

Recommendations

RR/A-11
RR/B-11

That these units be redesigned to improve the reliability of the tuning mechanism and specifically to include a straight-line frequency variable condenser and counter.

Problems

RR/B-11

Two units have been evaluated, one was very good and the second unit had poor sensitivity and excessive oscillator drift. A third unit will be available for tests 2 August.

RR/AA-11

Questionable reliability - Resetability not good.

RR/BB-11

In the single unit tested spurious response were so high as selectivity curve could not be plotted. (Double conversion is used in this set).

2. Additional improved equipments are expected from the contractors before the end of the week and tests on these units can be concluded by 9 August. It is hoped that sufficient data will be available at that time to make a receiver selection for the AS-3.

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OC-E/R&D-EP/CEM:mjr (31 Aug. 57)

cc: R&D Subject File
Monthly Report

R&D Lab

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R&D Chrobo
EP Chrono

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